



IPW

TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/788,649
Filing Date	February 27, 2004
First Named Inventor	Thomas D. Madden
Art Unit	1636
Examiner Name	
Attorney Docket No.	480208.408D1

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> CD(s), Number of CD(s) _____
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Cited References	<input type="checkbox"/> Declaration	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Carol D. Laherty, Ph.D.	Customer Number
Signature		00500
Date	September 15, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jason Añover
Signature	

Date: September 15, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

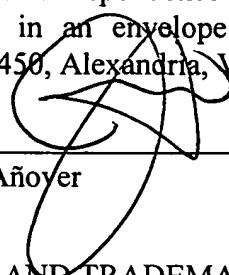
514969



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 15, 2004
Date


Jason Añoyer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Thomas D. Madden et al.
Application No. : 10/788,649
Filed : February 27, 2004
For : LIPOSOMAL ANTINEOPLASTIC DRUGS AND USES THEREOF

Art Unit : 1636
Docket No. : 480208.408D1
Date : September 15, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Applicants note that since the application filing date is after June 30, 2003, copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is

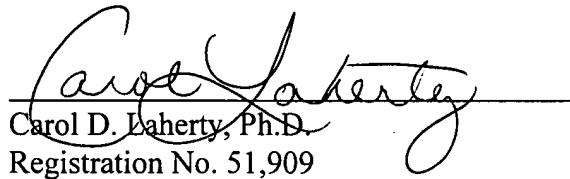
believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



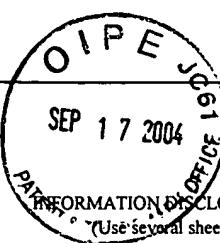
Carol D. Laherty, Ph.D.
Registration No. 51,909

Enclosures:

Postcard
Form PTO-1449
Cited References (28)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

514972

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 480208.408D1	APPLICATION NO. 10/788,649
		INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Thomas D. Madden et al.	
		FILING DATE February 27, 2004		GROUP ART UNIT 1636	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,235,871	11/25/80	Papahadjopoulos et al.	424	19	
AB	4,501,728	02/26/85	Geho et al.	424	38	
AC	4,837,028	06/06/89	Allen	424	450	
AD	5,023,087	06/11/91	Yau-Young	424	450	
AE	5,552,156	09/03/96	Burke	424	450	
AF	5,814,335	09/29/98	Webb et al.	424	450	
AG	5,837,282	11/17/98	Fenske et al.	424	450	
AH	5,976,567	11/02/99	Wheeler et al.	424	450	
AI	6,110,491	08/29/00	Kirpotin	424	450	
AJ	6,355,268	03/12/02	Slater et al.	424	450	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	WO 95/08986	04/06/95	WIPO		
	AL	WO 98/17256	04/30/98	WIPO		
	AM	WO 99/51202	10/14/99	WIPO		
	AN	WO 00/23052	04/27/00	WIPO		
	AO	WO 99/13816	03/25/99	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP		Burris, H., et al., "Activity of Topotecan, a New Topoisomerase I Inhibitor, Against Human Tumor Colony-Forming Units In Vitro," <i>J. Natl. Cancer Inst.</i> 84(23):1816-1820, December 2, 1992.
AQ		Clements, M., et al., "Antiangiogenic Potential of Camptothecin and Topotecan," <i>Cancer Chemother. Pharmacol.</i> 44:Pages 411-416, 1999.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 480208.408D1	APPLICATION NO. 10/788,649
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Thomas D. Madden et al.			
		FILING DATE February 27, 2004	GROUP ART UNIT 1636		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	60/215,556		Madden et al.			06/30/00
	BB	09/896,812		Madden et al.			06/29/01
	BC	60/264,616		Madden et al.			01/26/01

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BD					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

BE		Corbett, T., et al., chapter 5 "In Vivo Methods for Screening and Preclinical Testing," in B. Teicher, Ed., <i>Anticancer Drug Development Guide: Preclinical Screening, Clinical Trials, and Approval</i> , Humana Press Inc., Totowa, NJ, 1997, pp.75-99.
BF		Emerson, D., et al., "In Vivo Antitumor Activity of Two New Seven-substituted Water-soluble Camptothecin Analogues," <i>Cancer Res.</i> 55:603-609, February 1, 1995.
BG		Erickson-Miller, C., et al., "Differential Toxicity of Camptothecin, Topotecan and 9-Aminocamptothecin to Human, Canine, and Murine Myeloid Progenitors (CFU-GM) in Vitro," <i>Cancer Chemother. Pharmacol.</i> 39:467-472, 1997.
BH		Grochow, L., et al., "Pharmacokinetics and Pharmacodynamics of Topotecan in Patients with Advanced Cancer," <i>Drug Metab. Dispos.</i> 20(5):706-713, 1992.
BI		Hardman, W., et al., "Efficacy of Treatment of Colon, Lung and Breast Human Carcinoma Xenografts With: Doxorubicin, Cisplatin, Irinotecan or Topotecan," <i>Anticancer Res.</i> 19:2269-2274, 1999.
BJ		Hope, M., et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles," <i>Chem. Phys. Lip.</i> 40:89-107, 1986.
BK		Hsiang, Y-H., et al., "Identification of Mammalian DNA Topoisomerase I as an Intracellular Target of the Anticancer Drug Camptothecin," <i>Cancer Res.</i> 48:1722-1726, April 1988.
BL		Kearney, A. et al., "Preformulation Studies to Aid in the Development of a Ready-to-Use Injectable Solution of the Antitumor Agent, Topotecan," <i>Int. J. Pharm.</i> 127:229-237, 1996.
BM		Gruner, S., chapter 1 "Materials Properties of Liposomal Bilayers," in Ostro, M.J. (ed.), <i>Liposomes: From Biophysics to Therapeutics</i> , Marcel Dekker, New York, 1993, pp. 1-38.
BN		Madden, T., et al. "The Accumulation of Drugs Within Large Unilamellar Vesicles Exhibiting a Proton Gradient: A Survey," <i>Chem. Phys. Lipids</i> 53:37-46, 1990.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 480208.408D1	APPLICATION NO. 10/788,649
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Thomas D. Madden et al.			
			FILING DATE February 27, 2004	GROUP ART UNIT 1636		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
	CB				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	Madden, T., et al., "Encapsulation of Topotecan in Lipid-based Carrier Systems. Evaluation of Drug Stability and Plasma Elimination in a Murine Model, and Comparison of Antitumor Efficacy Against Murine L1210 and B16 Tumors," <i>Proc. Of ASCO 17</i> , abstract #754, 1998.
CD	Mayer, L., et al., "Characterization of Liposomal Systems Containing Doxorubicin Entrapped in Response to pH Gradients," <i>Biochim. Biophys. Acta</i> 1025:143-151, 1990.
CE	McCabe, F., et al., "Comparative Activity of Oral and Parenteral Topotecan in Murine Tumor Models: Efficacy of Oral Topotecan," <i>Cancer Invest.</i> 12(3):308-313, 1994.
CF	O'Leary, J., et al., "Antiangiogenic Effects of Camptothecin Analogues 9-Amino-20 (S)-Camptothecin, Topotecan, and CPT-11 Studied in the Mouse Cornea Model," <i>Clin Cancer Res.</i> 5:181-187, January 1999.
CG	Ormrod, D. et al., "Topotecan A Review of its Efficacy in Small Cell Lung Cancer," <i>Drugs</i> 58(3):533-551, September 1999.
CH	Plowman, J., et al., chapter 6, "Human Tumor Xenograft Models in NCI Drug Development," in B. Teicher, Ed, <i>In Anticancer Drug Development Guide: Preclinical Screening, Clinical Trials, and Approval</i> , Humana Press Inc., Totowa, NJ, 1997.
CI	Szoka, F., et al., "Comparative Properties and Methods of Preparation of Lipid Vesicles (Liposomes)," <i>Ann. Rev. Biophys. Bioeng.</i> 9:467- 508, 1980.
CJ	Tardi, P., et al., "Liposomal Encapsulation of Topotecan Enhances Anticancer Efficacy in Murine and Human Xenograft Models," <i>Cancer Res.</i> 60:3389-3393, July 2000.
CK	Thompson, J., et al., "Animal Models for Studying the Action of Topoisomerase I Targeted Drugs," <i>Biochim. Biophys. Acta</i> 1400:301-319, 1998.
CL	Wall, M., et al., "Plant Antitumor Agents. I. The Isolation and Structure of Camptothecin, a Novel Alkaloidal Leukemia and Tumor Inhibitor from Camptotheca Acuminata," <i>J. Am Chem. Soc.</i> 88:3888-3890, August 1966.
CM	Waud, W., chapter 4 "Murine L1210 and P388 Leukemias," In B. Teicher, Ed, <i>Anticancer Drug Development Guide: Preclinical Screening, Clinical Trials, and Approval</i> , Humana Press Inc., Totowa, NJ, 1997.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).